Partie a

DECLARATION AND POWER OF ATTORNEY

As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the invention entitled "METAL ION SPECIFIC CAPACITY AFFINITY SENSOR," which is described and claimed in the specification and claims of International Patent Application No. PCT/SE98/01638, which was filed on 15 September 1998 and for which a patent is sought.

We have reviewed and understand the contents of the foregoing specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to the patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a).

We hereby claim foreign priority benefits under 35 U.S.C. § 119 of the foreign patent application listed below:

| PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119: | | | |
|---|--------------------|-------------------|--------------------------------------|
| COUNTRY | APPLICATION NUMBER | DATE OF FILING | PRIORITY CLAIMED UNDER 35 USC 119 |
| Sweden | 9703315-3 | 15 September 1998 | Yes |

We hereby appoint RICHARD W. SEED, Reg. No. 16,557; ROBERT J. BAYNHAM, Reg. No. 22,846; GEORGE C. RONDEAU, JR., Reg. No. 28,893; DAVID H. DEITS, Reg. No. 28,066; WILLIAM O. FERRON, JR., Reg. No. 30,633; DAVID J. MAKI, Reg. No. 31,392; RICHARD G. SHARKEY, Reg. No. 32,629; DAVID V. CARLSON, Reg. No. 31,153; KARL R. HERMANNS, Reg. No. 33,507; DAVID D. MCMASTERS, Reg. No. 33,963; MICHAEL J. DONOHUE, Reg. No. 35,859; LORRAINE LINFORD, Reg. No. 35,939; ELLEN M. BIERMAN, Reg. No. 38,079; ANN T. KADLECEK, Reg. No. 39,244; DAVID W. PARKER, Reg. No. 37,414; E. RUSSELL TARLETON, Reg. No. 31,800; KEVIN S. COSTANZA, Reg. No. 37,801; THOMAS E. LOOP, Reg. No. 42,810; STEPHEN J. ROSENMAN, Reg. No. 43,058; BRIAN L. JOHNSON, Reg. No. 40,033; SUSAN D. BETCHER, Reg. No. 43,498; JANE E. R. POTTER, Reg. No. 33,332; KENNETH H. TARBET, Reg. No. 43,181, WILLIAM T. CHRISTIANSEN, Reg. No. 44,614, ROBERT IANNUCCI, Reg. No. 33,514, GARY M. MYLES, Reg. No. P-46,209; and ERIC J. GASH, Reg. No.

P-46,274; comprising the firm of Seed Intellectual Property Law Group PLLC, 701 Fifth Avenue, Suite 6300, Seattle, Washington 98104-7092, as our attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Thomas E. Loop** at (206) 622-4900 and telecopies to (206) 682-6031.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

Bo Mattiasson

Date fully 10. 259

Residence : City of Hjarup SEY

Country of Sweden

Citizenship : Sweden

P.O. Address : Tradgardsmastaren 26

S-245 62 Hjarup SWEDEN

Elisabeth Csoregi

Date (July 30. 2000

Residence : City of Lund Six

Country of Sweden

Citizenship : Sweden

P.O. Address : Borgasslingan 31

S-224 72 Lund SWEDEN

Ibolya Bontidean

2000.07.16 Date Residence

City of Bistrita

Country of Romania

Citizenship

Romania

P.O. Address

Str. Dacabal 44/C/32

RO-4400 Bistrita

ROMANIA

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[]

O

Date _000905 Residence

City of Lund

Country of Sweden

Citizenship

Sweden

P.O. Address

Smaskolevagen 37

S-224 64 Lund

SWEDEN

Christine Berggren

2000-08-02

Residence

City of Lund

SEK

Country of Sweden

Citizenship

Sweden

P.O. Address

Iliongranden 11

S-224 72 Lund

SWEDEN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Inventors: | | Bo Mattiasson, et al. |
|-----------------|----------|---|
| Attorney's Doo | cket No | : 100096.403 |
| International A | Applicat | tion No.: PCT/SE98/01638 |
| International F | iling D | ate: September 15, 1998 |
| For: | | Metal Ion Specific Capacity Affinity Sensor |
| | | • |
| VERIFIE | D STA | TEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS |
| (| 37 C.F. | R. §§ 1.9(f) AND 1.27(d) NONPROFIT ORGANIZATION |
| organization id | | re that I am an official empowered to act on behalf of the nonprofit d below: |
| Name of Orga | nizatior | n: Vlaamse Instelling voor Technologisch Onderzoek |
| Address of Or | ganizati | ion: Boeretang 200, B-2400 Mol, BELGIUM |
| TYPE OF OR | GANIZ | ATION: |
| | [X] | university or other institution of higher education |
| | [] | tax exempt under Internal Revenue Service Code (26 U.S.C. §§ 501(a) and |
| | | 501(c)(3)) |
| | [] | nonprofit scientific or educational under statute of a state of the United |
| | | States of America |
| | | (Name of state:) |
| | | (Citation of statute:) |
| | [] | would qualify as tax exempt under Internal Revenue Service Code (26 |
| | | U.S.C. §§ 501(a) and 501(c)(3)) if located in the United States of America |
| | [] | would qualify as nonprofit scientific or educational under statute of a state |
| | | of the United States of America if located in the United States of America |
| • | | (Name of state:) |
| | | (Citation of statute:) |
| | | re that I am an official empowered to act on behalf of the nonprofit |
| organization id | | |
| _ | | School of Biological Sciences the University of Birmingham |
| Address of Or | ganizat | ion: The University of Birmingham, Edgbaston |

| | Birmingham B15 2TT, Great Britain | |
|-----------------------|---|--|
| TYPE OF ORGANIZ | ZATION: | |
| [X] | university or other institution of higher education | |
| [] | tax exempt under Internal Revenue Service Code (26 U.S.C. §§ 501(a) an | |
| | 501(c)(3)) | |
| [] | nonprofit scientific or educational under statute of a state of the United | |
| | States of America | |
| | (Name of state:) | |
| | (Citation of statute:) | |
| [] | would qualify as tax exempt under Internal Revenue Service Code (26 | |
| | U.S.C. §§ 501(a) and 501(c)(3)) if located in the United States of America | |
| [] | would qualify as nonprofit scientific or educational under statute of a state | |
| | of the United States of America if located in the United States of America | |
| | (Name of state:) | |
| | (Citation of statute:) | |
| nonprofit organizatio | eclare that the above-identified nonprofit organizations qualifies as a n as defined in 37 C.F.R. § 1.9(e) for purposes of paying reduced fees under and 41(b) with regard to the invention entitled: | |
| M | ETAL ION SPECIFIC CAPACITY AFFINITY SENSOR | |
| by inventor Bo Mat | tiasson, et al. | |
| as described in: | , | |
| [] | the specification filed herewith. | |
| [X] | Application No. PCT/SE98/01638 , filed 15 September 1998 . | |
| [] | Patent No, issued | |

We declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 C.F.R. § 1.9(c) or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a nonprofit organization under 37 C.F.R. § 1.9(e).*

> *NOTE: Separate verified statements are required from each named person, concern and organization having rights to the invention averring to his/its status as a small entity. (37 C.F.R. § 1.27)

| FULL NAME | Vlaams | se Instelling voor Technologisch Onderzoek (Vito) |
|-----------|--------|---|
| ADDRESS | Boeret | tang 200, B-2400 Mol, BELGIUM |
| | [] | individual |
| | [] | small business concern |
| | [X] | nonprofit organization |
| | | |
| FULL NAME | | |
| ADDRESS | | |
| | [] | individual |
| | [] | small business concern |
| | [] | nonprofit organization |
| | | |

We acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earlier of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

| NAME OF PERSON SIGNING | Rik Schrooten |
|---------------------------|---|
| TITLE IN ORGANIZATION | Managing Director |
| ADDRESS OF PERSON SIGNING | Pieter Breughellaan 17 |
| | B-3990 Kleine-Brogel; BELGIUM |
| SIGNATURE | DATE 30.08,2000 |
| NAME OF PERSON SIGNING | Mr David J Allen |
| TITLE IN ORGANIZATION | Registrar & Secretary |
| ADDRESS OF PERSON SIGNING | Edgbaston, Birmingham B15 2TT, UNITED KINGDOM |
| | |
| SIGNATURE DANS J | DATE 30.08.2000 |

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| City of West Midlands Country of Great Britain Great Britian Souther Boad Selly Park Birmingham West Midlands B29 7HL GREAT BRITIAN | ,83 |
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| Country of Great Britain : Great Britian : 85 Oakfield Road Selly Park Birmingham West Midlands B29 7HL | ,B3 |
| Country of Great Britain : Great Britian : 85 Oakfield Road Selly Park Birmingham West Midlands B29 7HL | |
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| : City of West Midlands | Amhers - MA |
| Country of Great Britian | AMHERS - MA WITED STATES OF AMERICA |
| : Great Britian | GROAT BRITAIN |
| : 5, Rathbone Road Smethwick West Midlands B67 5JQ GREAT BRITIAN | HADLEY MA 01035 Thy U.S.A. 13/4 |
| _ | City of West Midlands Country of Great Britian Great Britian S, Rathbone Road Smethwick West Midlands B67 5JQ |

Kenneth Jakeman

City of West Midlands

Country of Great Britian

Citizenship

Residence

Great Britian

P.O. Address

205, Quinton Land Birmingham

West Midlands B32 2UD **GREAT BRITIAN**

 $\hat{q}\,\hat{\theta}_0$ Jonathan Hobman 2000 Date Residence City of Worcestershaire Country of Great Britian Citizenship Great Britian P.O. Address 20, Hinton Avenue Alvechurch Worcestershire B48 7LY **GREAT BRITIAN** Jonathan Wilson 2000 Date Residence City of West Midlands SOUND, : Country of Great Britian Ļ7 Citizenship Great Britian O 6 ÉAGLE COURT 21, Abbots Road P.O. Address O 69 HORNSEY HIGH STREET Kings Heath Birmingham HURNSEY LONDON N8 7Q6 West Midlands B14 70D GREAT BRITAIN **GREAT BRITIAN** Daniel Van Der Leile 2000 Date _ 20 Residence City of Mol Country of Belgium Citizenship Belgium P.O. Address Boertang 246

> B-2400 Mol **BELGIUM**

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|-----------------|--------------------|----------|
| \mathcal{I}_0 | Philippe Corbisier | |
| 0 | | |

Residence

City of Mol

Country of Belgium

Citizenship

Belgium

P.O. Address

Boertang 222

B-2400 Mol

BELGIUM

 $\label{lem:condition} \begin{tabular}{ll} U:\EricG\client_files_US\100096\403\US\ joint\ inventor\ declaration\ power\ attorney.doc\ (ejg) \end{tabular}$